

CLAIMS

5 1. A jig for holding a work piece on a cut-off saw having a work support table with an elongated guide groove, a backup plate mounted on the table, a table clamping plate spaced from the backup plate, and a table clamp for moving the table clamping plate toward and away from the backup plate, the jig comprising:

10 a work-engaging wall adapted to and extend transversely to the support table between the backup plate and the table clamping plate;

a guide pin secured to the work-engaging wall and adapted to extend into the guide groove on the table; and

15 an angle-setting projection on the work-engaging wall, and extending toward the backup plate on the table so when the work piece is between the work-engaging wall and the clamping plate, the angle-setting projection is forced into contact with the backup plate as the table clamp moves the table clamping  
20 plate toward the backup plate to hold the jig in a cutting position.

2. A jig according to claim 1 which includes a retainer on the guide pin to engage the support table and prevent the jig  
25 from being removed from the support table when the jig is in the cutting position.

3. A jig according to claim 1 or 2 which includes indexing marks on the work-engaging wall to indicate the midpoint of a  
30 workpiece in the jig.

4. A guage plate adapted to fit in the jig, and carrying indexing marks to indicate the midpoint of a work piece in the  
jig.

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5. A jig according to claim 4 which includes a clip for releasably holding the guage plate.

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6. A jig according to claim 4 which includes a wing nut and bolt for releasably holding the guage plate.

7. A jig according to claim 1, 2, 4, 5 or 6 in which the angle setting projection is in the shape of a plate having an aligning surface adapted to engage the backup plate on the table.

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8. Apparatus according to claim 1 or 2, in which the angle setting projection is adjustable.

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9. A jig according to claim 1 or 2 in which the angle setting projection is a screw threaded into a sleeve secured to the work-engaging wall.

10. Apparatus according to claim 9 in which the sleeve is releasably secured to the work-engaging wall.

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11. A jig according to claim 1 or 2 in which the angle setting projection is formed integrally with the work-engaging wall.

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12. A jig according to claim 11 in which the angle setting projection is a bent portion of the work-engaging wall.

13. A jig according to claim 1 or 2 which includes a clamp on the jig and independent of the table clamp for holding the workpiece in the jig.

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14. A jig according to claim 1 or 2 in which the  
angle-setting projection includes an adjustable plate and a  
5 releasable lock for locking the adjustable plate in different  
positions on the work-engaging wall.

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